

Page 1 of 2

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(Use as many sheets as necessary)

Application Number	Not Yet Assigned 10/201-644
Filing Date	Herewith
First Named Inventor	Michael G. Adlerstein
Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	RTN2-153PUS

[illegible]

Examiner Signature	V. Nguyen	Date Considered	12/2004
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.¹ Applicant's unique citation designation number (optional).² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible.⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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PTO/SB/08B (02-03)

Approved for use through 04/30/2003. OMB 0651-0031
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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete if Known	
			Application Number	Not Yet Assigned 10/701-044
			Filing Date	Herewith
			First Named Inventor	Michael G. Adlerstein
			Art Unit	Not Yet Assigned
			Examiner Name	Not Yet Assigned
Sheet 1 of 1	Attorney Docket Number	RTN2-153PUS		

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		*Power Measurement Basics," Agilent Technologies (3 pages)	
M.N		*Coplanar Waveguides Supported by InGaP and GaAs/AlGaAs Membrane-Like Bridges, http://www.elu.sav.sk/dept/oms/nato/md.html , May 8, 2003 (3 pages).	

Examiner Signature	V. Nguyen	Date Considered	12/2004
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Substitute for form 1442/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/701,044
Filing Date	November 4, 2003
First Named Inventor	Michael G. Alderstein
Art Unit	2855-2858
Examiner Name	Not Yet Assigned V.N
Attorney Docket Number	RTN2-153PUS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	V. Nguyen	Date Considered	12/2004
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Translation is attached.

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PTO/SB/088 (02-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known			
		Application Number	10/701,044		
		Filing Date	November 4, 2003		
		First Named Inventor	Michael G. Alderstein		
		Art Unit	2855-2858		
		Examiner Name	Not Yet Assigned V.N		
Sheet	2	of	2	Attorney Docket Number	RTN2-153PUS

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
V.N		DAVID M. POZAR, Design of Millimeter Wave Microstrip Reflectarrays, February 1997, pp. 287-298, Volume 45, No. 2.	
		S.D. Targonski, ANALYSIS AND DESIGN OF A MICROSTRIP REFLECTARRAY USING PATCHES OF VARIABLE SIZE, pp. 1820-1823, University of Massachusetts, Amherst, Massachusetts 01003.	
V.N		MAREK E. BIALKOWSKI, Design, Development, and Testing of X-Band Amplifying Reflectarrays, August 2002, pp. 1065-1076, Volume 50, No. 8.	
		MAREK E. BIALKOWSKI, Dual Linearly Polarized Reflect Array Using Aperture Coupled Microstrip Patches, 2001, pp. 486-489, HRL Laboratories, Malibu, CA 90265.	
		Coplanar Waveguides Supported by InGaP and GaAs/AlGaAs Membrane-Like Bridges, 2002, pp. 1-3.	

Examiner Signature	V. Nguyen	Date Considered	12/2004
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